



PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	09/833,755-Conf. #2901	
			Filing Date	April 11, 2001	
			First Named Inventor	James P. Mack, Sr.	
			Art Unit	1764	
			Examiner Name	E. M. McAvoy	
Sheet	1	of	1	Attorney Docket Number	55531(45676)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-4,293,670	10-06-1981	Robeson, et al.	
	AB	US-3,652,409	03-28-1972	Mack, et al.	
	AC	US-4,965,310	10-23-1990	Harris, et al.	
	AD	US-US 2002/0111415 A1	08-15-2002	Mack, SR., et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	131 Aug 2005
-----------------------	--	--------------------	--------------

497366



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/833,755-Conf. #2901
				Filing Date	April 11, 2001
				First Named Inventor	Edward James P. Mack
				Art Unit	1764
				Examiner Name	E. M. McAvoy
Sheet	1	of	1	Attorney Docket Number	55531(45676)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Lewis, "Predicting Bearing Performance of Filled Teflon TFE Resins," Document No. ASME 66-WARP-1, pp. 1-5, Journal of Engineering for Industry, Transactions of the ASME.	
	CB	Wolverton, "Advanced Thermoplastic Composites for High Temperature Gear and Bearing Applications," pp. 1-21.	
	CC	Lewis, "Predicting the Wear of Sliding Plastic Surfaces," Mechanical Engineering, 68:32-35 (1964).	
	CD	Yoo, et al., "Tribological Behavior of Blends of Polyether Ether Ketone and Polyether Imide," Wear, 162-164, pp. 418-425 (1993).	
	CE	Dufour, et al., "The Effect of Glassfibre, Graphite and MoS ₂ on the Tribological Performance of a Liquid Crystalline Polymer," Wear, 156:85-100 (1992).	
	CF	Briscoe, et al., "The Failure of Poly (ether ether ketone) in High Speed Contacts," Wear, 162-164, pp.407-417 (1993).	
	CG	Hanchi, et al., "The Tribological Behavior of Blends of Polyetheretherketone (PEEK) and Polyetherimide (PEI) at Elevated Temperatures," Tribology Transactions, 37:494-504 (1994).	
	CH	Hanmin, et al., "Friction and Wear of Poly(Phenylene Sulphide) and Its Carbon Fibre Composites: I Unlubricated," Wear, 116:59-68 (1987).	
	CI	Bijwe, et al., "Friction and Wear Studies of Polyetherimide Composites," Wear, 138:61-76 (1990).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature 499928	Date Considered	31 Aug. 2005
------------------------------	-----------------	--------------